

## Phospho-STAT4 (Tyr693) Ab

[References\(1\)](#) [Images\(3\)](#)

Cat.#: AF3441

Size:

Concn.: ~1mg/ml

Source: Rabbit

Mol.Wt.: 86kDa

Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200, IP, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

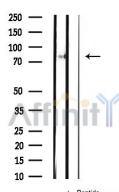
A synthesized peptide derived from human STAT4 around the phosphorylation site of Tyr693.

Uniprot:

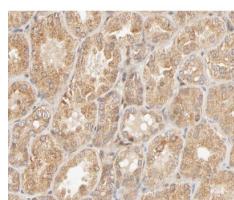
Q14765

Description:

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.



Western blot analysis of Phospho-STAT4 (Tyr693) expression in Mouse heart tissue lysate



AF3441 at 1/200 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab



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in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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